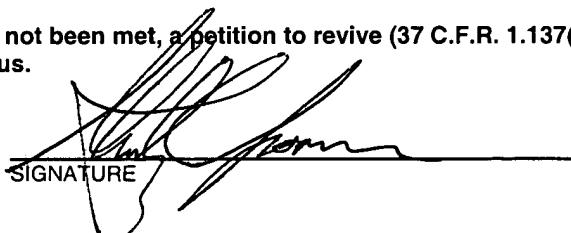


FORM PTO-1390 (REV 11-2000)	U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE	ATTY/CL'S DOCKET NUMBER 540-311
<b>TRANSMITTAL LETTER TO THE UNITED STATES DESIGNATED/ELECTED OFFICE (DO/EO/US) CONCERNING A FILING UNDER 35 U.S.C. 371</b>		U.S. APPLICATION NO. (If known, see 37 C.F.R. 1.5) <b>09/831555</b> Unknown
INTERNATIONAL APPLICATION NO. <b>PCT/GB99/03782</b>	INTERNATIONAL FILING DATE <b>12 November 1999</b>	PRIORITY DATE CLAIMED <b>12 November 1998</b>
TITLE OF INVENTION <b>SCANNING OF ELECTROMAGNETIC BEAMS</b>		
APPLICANT(S) FOR DO/EO/US <b>KUMAR</b>		
Applicant herewith submits to the United States Designated/Elected Office (DO/EO/US) the following items and other information:		
<p>1. <input checked="" type="checkbox"/> This is a <b>FIRST</b> submission of items concerning a filing under 35 U.S.C. 371.</p> <p>2. <input type="checkbox"/> This is a <b>SECOND</b> or <b>SUBSEQUENT</b> submission of items concerning a filing under 35 U.S.C. 371.</p> <p>3. <input checked="" type="checkbox"/> This is an express request to begin national examination procedures (35 U.S.C. 371(f)). The submission must include items (5), (6), (9) and (21) indicated below.</p> <p>4. <input checked="" type="checkbox"/> The U.S. has been elected by the expiration of 19 months from the priority date (Article 31).</p> <p>5. A copy of the International Application as filed (35 U.S.C. 371(c)(2)).</p> <p>a. <input type="checkbox"/> is attached hereto (required only if not communicated by the International Bureau).</p> <p>b. <input checked="" type="checkbox"/> has been communicated by the International Bureau.</p> <p>c. <input type="checkbox"/> is not required, as the application was filed in the United States Receiving Office (RO/US).</p> <p>6. <input type="checkbox"/> An English language translation of the International Application as filed (35 U.S.C. 371(c)(2)).</p> <p>a. <input type="checkbox"/> is attached hereto.</p> <p>b. <input type="checkbox"/> has been previously submitted under 35 U.S.C. 154(d)(4).</p> <p>7. <input type="checkbox"/> Amendments to the claims of the International Application under PCT Article 19 (35 U.S.C. 371(c)(3))</p> <p>a. <input type="checkbox"/> are attached hereto (required only if not communicated by the International Bureau).</p> <p>b. <input type="checkbox"/> have been communicated by the International Bureau.</p> <p>c. <input type="checkbox"/> have not been made; however, the time limit for making such amendments has <b>NOT</b> expired.</p> <p>d. <input type="checkbox"/> have not been made and will not be made.</p> <p>8. <input type="checkbox"/> An English language translation of the amendments to the claims under PCT Article 19 (35 U.S.C. 371(c)(3)).</p> <p>9. <input type="checkbox"/> An oath or declaration of the inventor(s) (35 U.S.C. 371(c)(4)).</p> <p>10. <input type="checkbox"/> A English language translation of the annexes of the International Preliminary Examination Report under PCT Article 36 (35 U.S.C. 371(c)(5)).</p>		
Items 11 To 20 below concern document(s) or information included:		
<p>11. <input type="checkbox"/> An Information Disclosure Statement under 37 C.F.R. 1.97 and 1.98.</p> <p>12. <input type="checkbox"/> An assignment document for recording. A separate cover sheet in compliance with 37 C.F.R. 3.28 and 3.31 is included.</p> <p>13. <input checked="" type="checkbox"/> A <b>FIRST</b> preliminary amendment.</p> <p>14. <input type="checkbox"/> A <b>SECOND</b> or <b>SUBSEQUENT</b> preliminary amendment.</p> <p>15. <input type="checkbox"/> A substitute specification.</p> <p>16. <input type="checkbox"/> A change of power of attorney and/or address letter.</p> <p>17. <input type="checkbox"/> A computer-readable form of the sequence listing in accordance with PCT Rule 13ter.2 and 35 U.S.C. 1.821-1.825.</p> <p>18. <input type="checkbox"/> A second copy of the published international application under 35 U.S.C. 154(d)(4).</p> <p>19. <input type="checkbox"/> A second copy of the English language translation of the international application under 35 U.S.C. 154(d)(4).</p> <p>20. <input checked="" type="checkbox"/> Other items or information. PTO-1449/ International Search Report</p>		

U.S. APPLICATION NO. (if known, see 37 C.F.R. 1.5) <b>09/831555</b>	INTERNATIONAL APPLICATION NO. <b>PCT/GB99/03782</b>	ATTORNEY'S DOCKET NUMBER <b>540-311</b>																									
21. <input checked="" type="checkbox"/> The following fees are submitted:		<b>CALCULATIONS</b> PTO USE ONLY																									
<b>BASIC NATIONAL FEE (37 C.F.R. 1.492(a)(1)-(5)):</b> <ul style="list-style-type: none"> <li>-- Neither international preliminary examination fee (37 C.F.R. 1.482) nor international search fee (37 C.F.R. 1.445(a)(2)) paid to USPTO and International Search Report not prepared by the EPO or JPO ..... \$1000.00</li> <li>-- International preliminary examination fee (37 C.F.R. 1.482) not paid to USPTO but International Search Report prepared by the EPO or JPO ..... \$860.00</li> <li>-- International preliminary examination fee (37 C.F.R. 1.482) not paid to USPTO but international search fee (37 C.F.R. 1.445(a)(2)) paid to USPTO ..... \$710.00</li> <li>-- International preliminary examination fee (37 C.F.R. 1.482) paid to USPTO but all claims did not satisfy provisions of PCT Article 33(1)-(4) ..... \$690.00</li> <li>-- International preliminary examination fee (37 C.F.R. 1.482) paid to USPTO and all claims satisfied provisions of PCT Article 33(1)-(4) ..... \$100.00</li> </ul>																											
<b>ENTER APPROPRIATE BASIC FEE AMOUNT =</b>		\$ <b>860.00</b>																									
Surcharge of \$130.00 for furnishing the oath or declaration later than <input type="checkbox"/> 20 <input checked="" type="checkbox"/> 30 months from the earliest claimed priority date (37 C.F.R. 1.492(e)).		\$ <b>130.00</b>																									
<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th>CLAIMS</th> <th>NUMBER FILED</th> <th>NUMBER EXTRA</th> <th colspan="2">RATE</th> </tr> </thead> <tbody> <tr> <td>Total Claims</td> <td>25</td> <td>-20 =</td> <td>5</td> <td>X \$18.00</td> </tr> <tr> <td>Independent Claims</td> <td>1</td> <td>-3 =</td> <td>0</td> <td>X \$80.00</td> </tr> <tr> <td colspan="3">MULTIPLE DEPENDENT CLAIMS(S) (if applicable)</td> <td colspan="2">\$270.00</td> </tr> <tr> <td colspan="5" style="text-align: right;"><b>TOTAL OF ABOVE CALCULATIONS =</b></td> </tr> </tbody> </table>		CLAIMS	NUMBER FILED	NUMBER EXTRA	RATE		Total Claims	25	-20 =	5	X \$18.00	Independent Claims	1	-3 =	0	X \$80.00	MULTIPLE DEPENDENT CLAIMS(S) (if applicable)			\$270.00		<b>TOTAL OF ABOVE CALCULATIONS =</b>					<b>\$ 1080.00</b>
CLAIMS	NUMBER FILED	NUMBER EXTRA	RATE																								
Total Claims	25	-20 =	5	X \$18.00																							
Independent Claims	1	-3 =	0	X \$80.00																							
MULTIPLE DEPENDENT CLAIMS(S) (if applicable)			\$270.00																								
<b>TOTAL OF ABOVE CALCULATIONS =</b>																											
<input type="checkbox"/> Applicant claims small entity status. See 37 CFR 1.27. The fees indicated above are reduced by 1/2.		0.00																									
<b>SUBTOTAL =</b>		<b>\$ 1080.00</b>																									
<input type="checkbox"/> Processing fee of \$130.00, for furnishing the English Translation later than <input type="checkbox"/> 20 <input type="checkbox"/> 30 months from the earliest claimed priority date (37 C.F.R. 1.492(f)).		0.00																									
<b>TOTAL NATIONAL FEE =</b>		<b>\$ 1080.00</b>																									
<input type="checkbox"/> Fee for recording the enclosed assignment (37 C.F.R. 1.21(h)). The assignment must be accompanied by an appropriate cover sheet (37 C.F.R. 3.28, 3.31). <b>\$40.00</b> per property		+ 0.00																									
<input type="checkbox"/> Fee for Petition to Revive Unintentionally Abandoned Application (\$1240.00 – Small Entity = \$620.00)		\$ 0.00																									
<b>TOTAL FEES ENCLOSED =</b>		<b>\$ 1080.00</b>																									
		Amount to be: refunded	\$																								
		Charged	\$																								
a. <input checked="" type="checkbox"/> A check in the amount of \$1080.00 to cover the above fees is enclosed. b. <input type="checkbox"/> Please charge my Deposit Account No. 14-1140 in the amount of \$_____ to cover the above fees. A duplicate copy of this form is enclosed. c. <input checked="" type="checkbox"/> The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any overpayment to Deposit Account No. 14-1140. A <u>duplicate</u> copy of this form is enclosed. d. <input checked="" type="checkbox"/> The entire content of the foreign application(s), referred to in this application is/are hereby incorporated by reference in this application.																											
<b>NOTE: Where an appropriate time limit under 37 C.F.R. 1.494 or 1.495 has not been met, a petition to revive (37 C.F.R. 1.137(a) or (b)) must be filed and granted to restore the application to pending status.</b>																											
<b>SEND ALL CORRESPONDENCE TO:</b> NIXON & VANDERHYE P.C. 1100 North Glebe Road, 8 <sup>th</sup> Floor Arlington, Virginia 22201-4714 Telephone: (703) 816-4000																											
 <b>SIGNATURE</b>		<b>Stanley C. Spooner</b> NAME																									
<b>27,393</b> REGISTRATION NUMBER		<b>May 11, 2001</b> Date																									